

ABSTRACT

Power tool 1 may include table 5 on which work W is positioned. A portion of a circular blade 3 protrudes above table 5. Circular blade 3 may be driven by a motor. The motor may be controlled by a control device 90. Work W is cut by means of an operator sending work W positioned on an upper face of table 5 in the direction of the circular blade 3 while circular blade 3 is being driven by the motor. Power tool 1 may include first radar device 86 and second radar device 87 for monitoring a predetermined area in the vicinity of circular blade 3. First radar device 86 may detect whether objects other than work are present in the vicinity of a outer edge of circular blade 3. Second radar device 87 may detect the location of objects moving within the predetermined area in the vicinity of circular blade and detects the speed at which the objects are moving in the direction in which work is sent. Control device 90 may cause an emergency halt of the motor in the case where first radar device 86 detects that an object other than work is present in the vicinity of the outer edge of circular blade 3. Further, Control device 90 may cause an emergency halt of the motor in the case where an object detected by second radar device 87 has a predetermined positional relationship relative to circular blade 3 and the detected speed exceeds a predetermined value.